

MPUC2K

Mission Planning User's
Conference 2000

2K



ESC/ACU



46 TS



HQ ACC



HQ AMC



HQ AFSOC

US Navy



PFPS v3.1 Status Brief



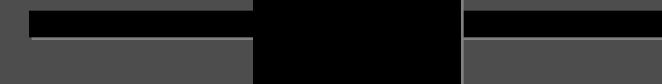
MAJ Bill Ziener, 46 TS/OGET
Flight Commander

24X CD ROM



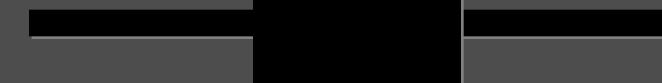
Overview

- Status of PFPS v3.1
- Significant Features in PFPS v3.1
- About PFPS v3.2
- 46 TS/OGET Website Improvements
- Questions?



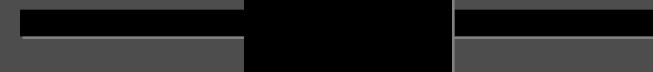
PFPS v3.1 Status

- In OT&E Now, Expect One (1) More Fix/Test Cycle
- Anticipate Fielding in March 2000

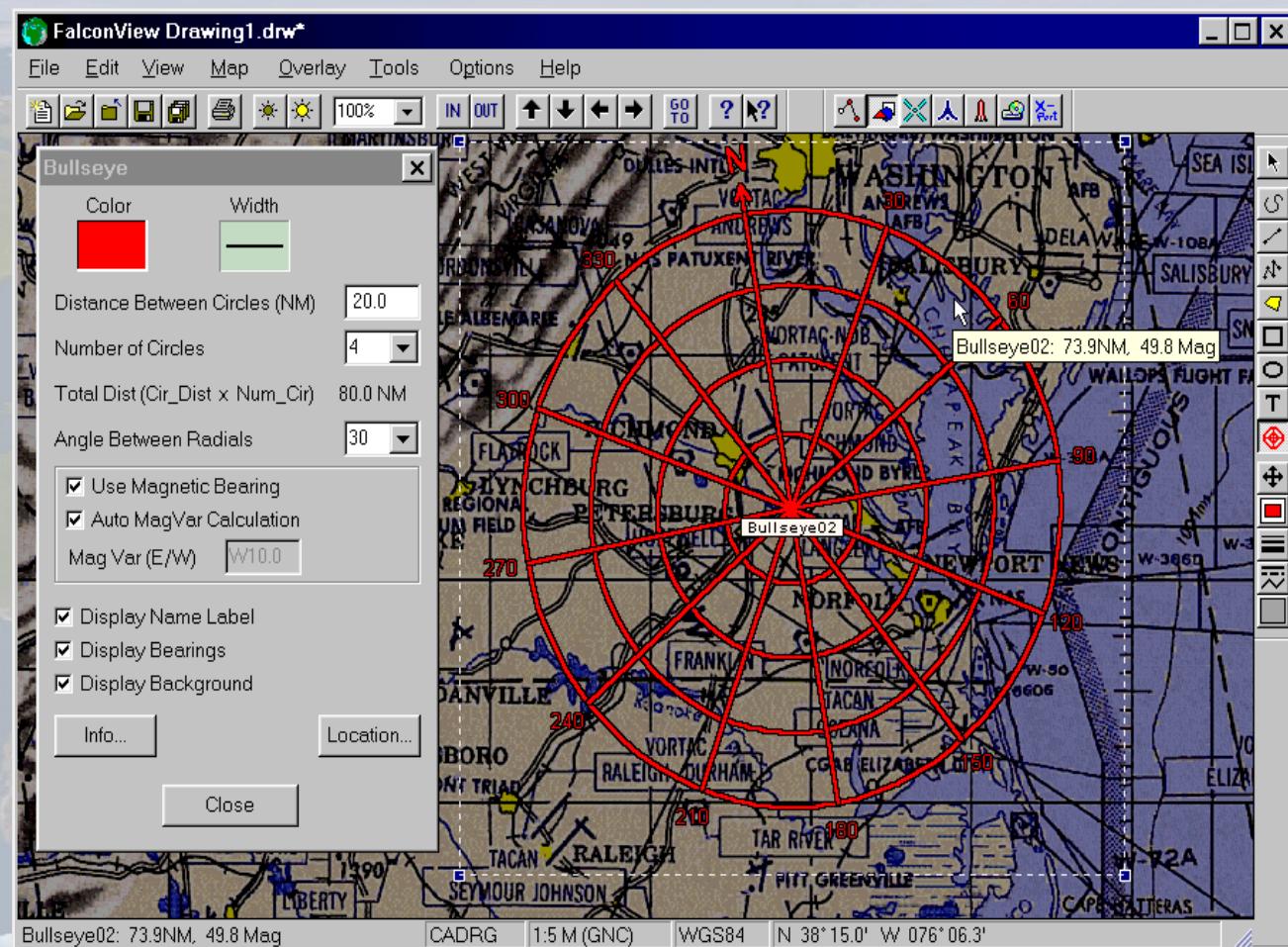


Significant Features in PFPS v3.1

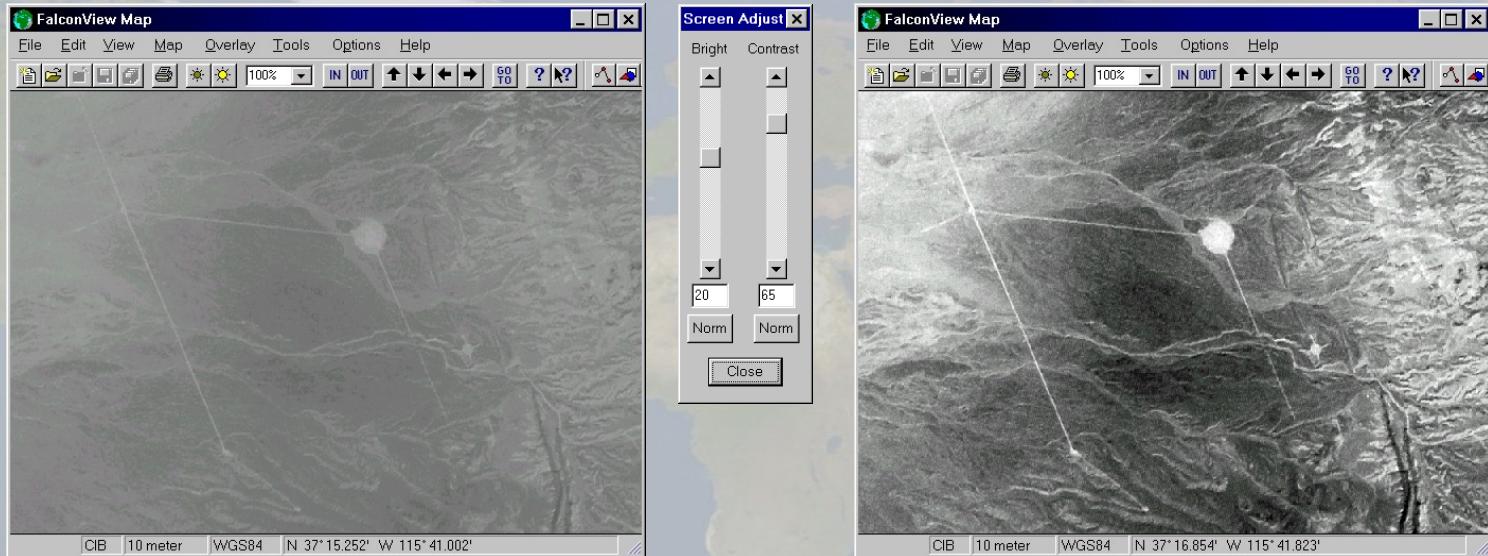
- PFPS CMF tool v1.1 (full integration)
- PFPS FIE
 - Tighter integration with PFPS
 - ACFP interface
- Advanced multi-route planning in CFPS, route templates: create master templates for route and/or aircraft configuration data
- Enhanced dB support: browse/search ALL data directly from any PFPS application; jet routes, heliports, enhanced search options
- Great circle or Rhumb line; MagVar improvements, indicated airspeed support: add IAS support if available in FPM
- Hover support: hover flight mode calculations, TOLD/PPC cards
- Master install: updated for version 3.1 release; enhanced uninstall
- Air refueling tool
- Serpentine routes: new planning enhancement
- Weapons integration: integrate weapon delivery calculated points into route



Bull's Eye



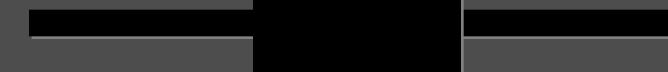
Contrast Control



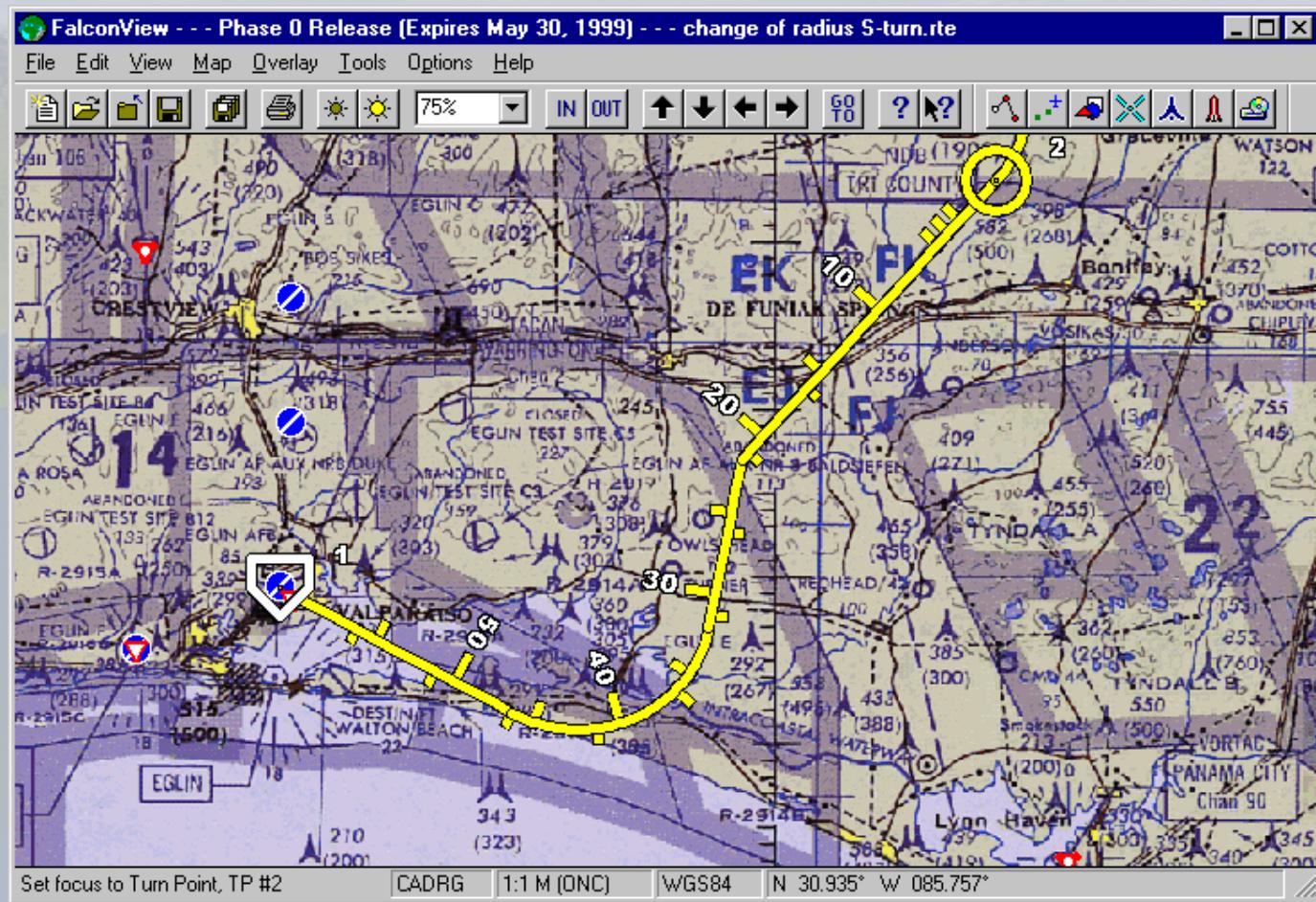
The contrast control allows you to get better definition on CIB images. The image on the left was produced using only Bright/Dim. The image on the right used Bright/Dim and contrast.

Orbit Tracks

- The route server defines
 - True course into the first turn
 - Length of the line segments
 - Turn radius
 - Turn arc
 - Turn direction
- These values fully define the race track
- FalconView 3.1 draws the orbit track using these values

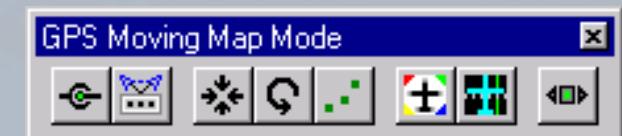


STTO Radial Dog Leg With S-turn



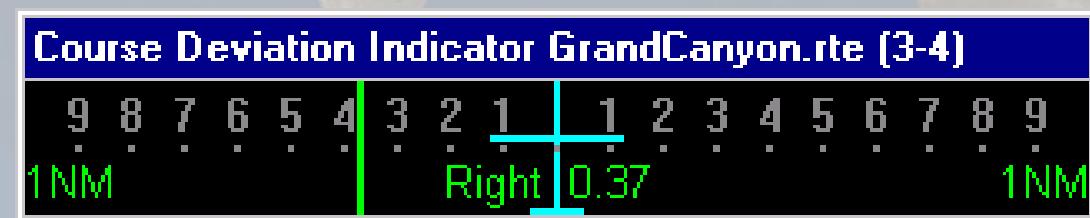
GPS Toolbar

- Connect/disconnect
- Serial communication options
- Auto center
- Auto rotate
- Show/hide trail points
- GPS property page
- Course deviation indicator (CDI)
- Playback dialog

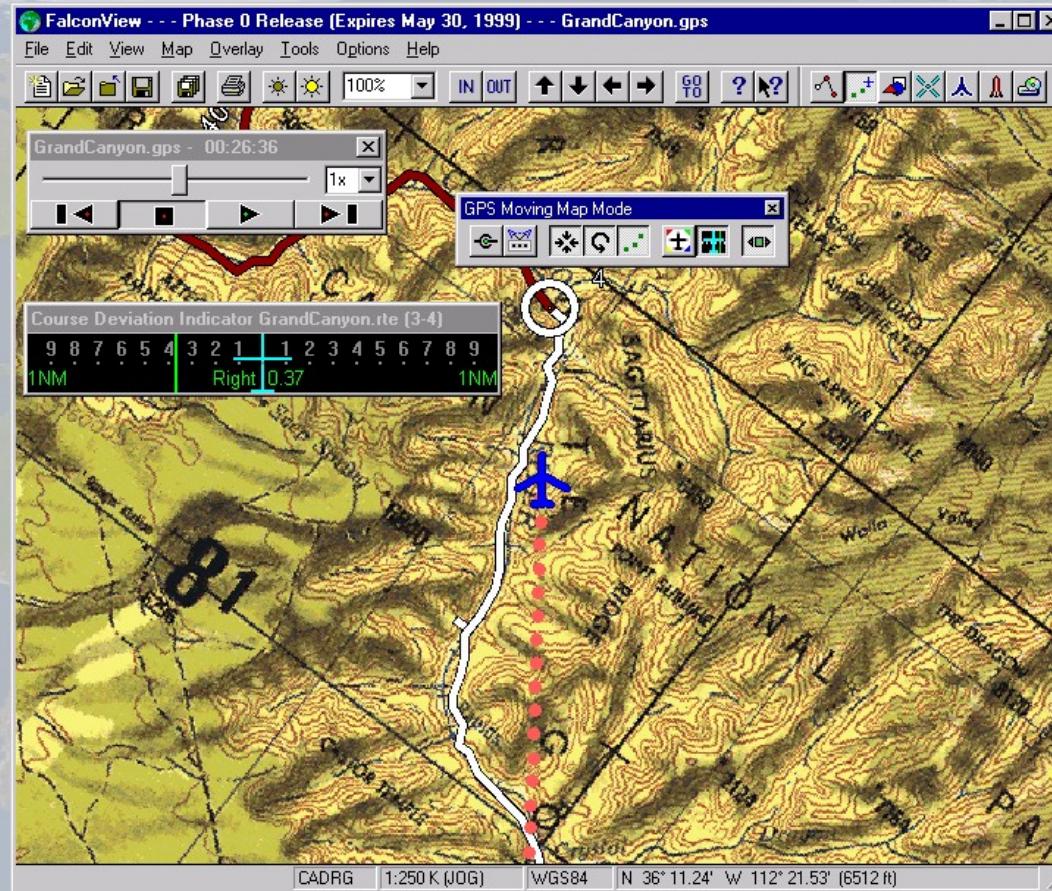


GPS Course Deviation Indicator

- Route name shown in title bar
- Route leg shown parenthetically
- Ship centered or course centered mode
- Selectable scale units shown on each side
- Course deviation shown in center



GPS Mode



CD ECHUM

- Replaces existing NAVINFONET download with import from CADRG monthly update CD's
 - Significantly reduces total import time
 - Significantly reduces import complexity
 - Automatically prompts the user to import when more recent ECHUM data is detected (similar to DAFIF)
 - Eliminates redundant retrieval of data already at user's site

CD ECHUM

- Enables collection of notes, warnings, and cautions not present in existing system
- More accurately calculates ECHUM data expiration
- Detects multiple forms of erroneous data
 - Invalid hemisphere identifiers: 37° 54¢ 16² N by 82° 27¢ 02² N
 - Invalid latitude or longitude values: 64° 94¢ 43² E
 - All multi-point data with excessive distance between consecutive points (e.G., A 4000-mile long railroad segment that crosses the Atlantic ocean)

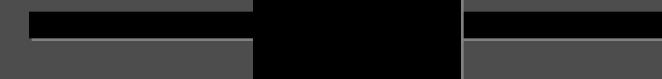
About PFPS v3.2

- Air Drop C-17 / Formation Support
- Common Route Definition (CRD) Import/Export Tool
 - v3.1 ISM and v3.2
- New Forms Printing Module
- Ground & Maritime Route Planning Enhancements
- Air Refueling Tool Enhancements
- Configurable Menus/Toolbar (Allow 3rd-Party GUI Extensions)
- New Print Mnemonics (i.e. Airfield's Longest Runway)
- Waypoint Search Enhancements
- Air Drop Enhancements (Form Extensions and Warnings)
- Additional TOLD & Hover Support (Depends on FPM Schedule)
- Add Universal Transverse Mercator (UTM) Support



Mission Planning Intranet

- 46 TS/OGET Is Readyng an Intranet
 - Accessible by User, Developer and Test Community
 - Username / Password Protection
 - Improved Release/Beta Information
 - Encrypted Product Distribution



Mission Planning Intranet, Cont.

- Secure server ([https:\](https://) ... URL TBD), requires username and password to access
 - With browser-based encryption, PGP encryption of downloads no longer necessary!
- Request account/access via
 - Current website (www.mission-planning.eglin.af.mil) today
 - New, "Public" mission planning website (TBD) in future
- Request Form
 - What will be on the form:
 - Contact Information (Name, etc.)
 - SSN (will be password the very first log-on time)
 - Access level request (user, tester, developer, manager, sponsor, etc.)
 - Content request (Product Division/IPT, Service/MAJCOM products)
 - Fill out form (on-line) then:
 - Submit electronically
 - Print, get necessary signatures, FAX back to 46 TS/OGET (DSN872/(850)-882-6379)
 - When access is approved, notified via email (message includes username)
- Foreign Nationals requesting access will be referred ESC
 - <http://www.hanscom.af.mil/ESC-ACU/fms.html>



Mission Planning Intranet, Cont.

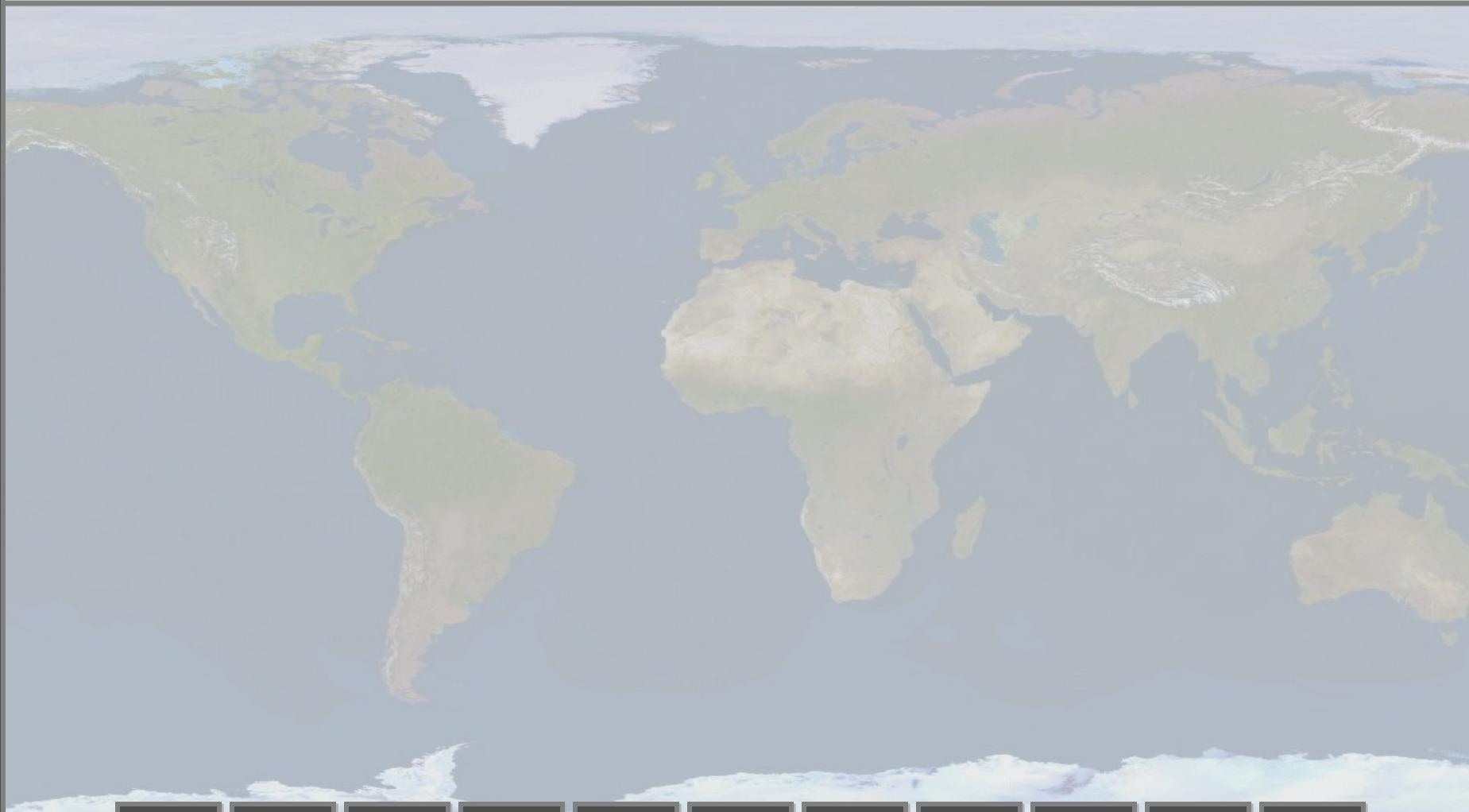
- Very first time logging-on
 - Enter username and password (SSN is very first log-on password)
 - Immediately required to select a password from randomly generated list
- Passwords
 - Expire every 90 days
 - At each log-on, shown how many days till current password expires
 - Can change password at any time
 - Notified, via email, 20/10/5 days prior to your password's expiration
 - If password expires:
 - Account will be DELETED
 - Must re-request access...
- If an approved Beta Tester, there will be improved support
 - Notification of new Beta versions
 - SPR/BCR vs. Beta information
 - On-line Problem Reporting

Mission Planning Intranet, Cont.

Rank or Grade <input type="button" value="Select One"/>	Aircraft <input type="button" value="Select One"/>	Last Name <input type="text"/>	First Name <input type="text"/>	MI <input type="checkbox"/>					
MAJCOM, TYPE COMM, Organization <input type="text"/>		Government Contract Number <input type="text"/>	Expiration Date <input type="text"/>						
		Procurement Contracting Officer (PCO) <input type="text"/>	PCO Phone <input type="text"/>						
Social Security Number <input type="text"/>	E-Mail Address <input type="text"/>								
Commercial Phone <input type="text"/>	Commercial Fax <input type="text"/>		DSN Exchange <input type="text"/>						
Address <input type="text"/>	City/Base <input type="text"/>		State <input type="button" value="Select One"/>	Zip <input type="text"/>					
Government Point of Contact (POC) <input type="text"/>	E-Mail <input type="text"/>		DSN Exchange <input type="text"/>						
Government POC Phone <input type="text"/>									
Access Level(s):	Content Access:								
<input type="checkbox"/> User	AWE: <input type="checkbox"/>	AF/ACC <input type="checkbox"/>	AF/AMC <input type="checkbox"/>	SOCOM <input type="checkbox"/>	USN/USMC <input type="checkbox"/>	AFRC <input type="checkbox"/>	ANG <input type="checkbox"/>	FMS <input type="checkbox"/>	Other <input type="checkbox"/>
<input type="checkbox"/> Developer	CWDS: <input type="checkbox"/>	N/A <input type="checkbox"/>	N/A <input type="checkbox"/>	N/A <input type="checkbox"/>	N/A <input type="checkbox"/>	N/A <input type="checkbox"/>	N/A <input type="checkbox"/>	N/A <input type="checkbox"/>	N/A <input type="checkbox"/>
<input type="checkbox"/> Tester	FPM: <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A <input type="checkbox"/>	N/A <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Manager	PEX: <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A <input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Sponsor	PFPS: <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
If "Other", specify: <input type="text"/> Requester <input type="text"/> Date <input type="text"/> This form now requires the signature of the requesting party prior to processing. Your signature certifies that you have read and concur with the rules on the Instruction Page . <input type="text"/> Government POC <input type="text"/> Date <input type="text"/> This form now requires the signature of the Government POC. Your signature certifies that the requestor has proper approval and need to access Mission Planning information at the levels indicated.									



Questions?



24X CD ROM

